

Amendments to the Specification:

At page 5, lines 20-21, please amend the specification as follows:

FIGURE 5 is a flowchart that illustrates a method of testing a fuselage detail of the second-generation rule-based model according to an embodiment of the invention~~showing the invention's application of rules to locate ribs and bulkheads;~~

At page 5, lines 24-25, please amend the specification as follows:

FIGURE 7 is a screenshot showing the plan-view interaction with the model through a graphic user interface; ~~and,~~

At page 5, lines 26-27, please amend the specification as follows:

FIGURES 8, 9, ~~and 10~~ is a portion of a model of a fuselage generated by ~~are flow charts of routines for generating an integrated element model according to an~~ embodiment of the invention.

At page 5, after line 27, please insert the following:

FIGURE 9 is a model of an aircraft, generated by an embodiment of the invention;

FIGURE 10 is a screenshot generated by an embodiment of the invention; and

FIGURE 11 is another screenshot generated by an embodiment of the invention.